Appl. No. 10/521,864   Page 2 of 8
Amendment and/or Response
Reply to Office action of 5 May 2008

Amendments to the Claims:

A clean version of the entire set of pending claims, including amendments to the claims, is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A method of storing a received digital signal which has been encrypted by an encryption key (CW) and transmitted in encrypted form, comprising the steps of:

decrypting the signal using a decryption key (CW) corresponding to the encryption key;

processing the decrypted signal;

re-encrypting the processed signal using the encryption key; and storing the re-encrypted signal.

2. (Original) A method according to claim 1, wherein the step of processing the decrypted signal includes manipulating it to improve storage and/or playback operation.

3. (Original) A method according to claim 1 or 2, wherein the decryption key (CW) is the same as the encryption key (CW).

4. (Currently Amended) A method according to ~~any one of the preceding claims~~ claim 3, wherein the encryption key is one of a plurality of keys forming a key stream.

5. (Original) A method according to claim 4, further comprising delaying the key stream after decrypting the signal and before re-encrypting the processed signal.

Appl. No. 10/521,864   Page 3 of 8
Amendment and/or Response
Reply to Office action of 5 May 2008

6. (Original) A method according to claim 5, including delaying the key stream in dependence on the processing being carried out on the decrypted signal.

7. (Currently Amended) A method according to claim 5 or 6, wherein the digital signal comprises a stream of transport packets, the method including synchronising the key stream with the transport packet stream.

8. (Currently Amended) A method according to any one of the preceding claims claim 7, wherein the step of processing the decrypted signal comprises performing the operations of Packet Identification Number (PID) remapping, remultiplexing or transcoding.

9. (Currently Amended) A digital signal storage device for storing a digital signal which has been encrypted using an encryption key (CW) and transmitted in encrypted form, the device comprising:

decryption means (13) for decrypting the signal using a decryption key corresponding to the encryption key;

means (17) for processing the decrypted signal;

encryption means (18) for re-encrypting the processed signal using the encryption key; and

means (19) for storing the re-encrypted signal.

10. (Currently Amended) A storage device according to claim 9, wherein the processing means (17) comprises means for manipulating the decrypted signal to improve storage and/or playback operation.

11. (Original) A storage device according to claim 10, wherein the processing means comprises means for performing the operations of Packet Identification Number (PID) remapping, remultiplexing and/or transcoding.

Appl. No. 10/521,864   **Page 4 of 8**
Amendment and/or Response
Reply to Office action of 5 May 2008

12. (Original) A storage device according to any one of claims 9 to 11, wherein the decryption key (CW) is the same as the encryption key (CW).

13. (Currently Amended) A storage device according to ~~any one of claims 9 to claim~~ 12, wherein the encryption key is one of a plurality of keys forming a key stream.

14. (Currently Amended) A storage device according to claim 13, further including delay means ~~(20)~~ for delaying the key stream prior to re-encrypting the decrypted signal.